

# Theory Assignment

Course Name : Internet and Web Programming

Course Code : CSE3002

Slot : L55+L56

Name : **Sailesh NS**

Reg No : **19BCE2066**

**1. Design a PHP program to send an email with an attachment. Develop a HTML page to collect receivers email address, subject of the mail, content to be delivered, a file component to be attached and a button to send the mail.**

## HTML Code:

```
<html>
<head>
<style>
.box{
background: #E9FE8D;
width: 400px;
height:300px;
padding: 50px;
margin: auto;
margin-top: 200px;
box-shadow: 1px -1px 13px 0px rgb(0 0 0 / 50%);
border-radius:24px;
text-align: center;
}
table{
margin-left:43px;
}
</style>
<title>
19BCE2066 - Question 1
</title>
</head>
<body>
<div class="box">
<form enctype="multipart/form-data" method="POST" action="question1.php">
<h3>Send Email with subject & attachment</h3><br>
<table>
```

```

<tr>
<td>Name</td>
<td><input type="text" name="name" /></td>
</tr>
<tr>
<td>Email Address</td>
<td><input type="email" name="email" /></td>
</tr>
<tr>
<td>Subject</td>
<td><input type="text" name="subject" /></td>
</tr>
<tr>
<td>Content</td>
<td><textarea name="content"></textarea></td>
</tr>
<tr>
<td>Attachment</td>
<td><input type="file" name="attachment" /></td>
</tr>
</table>
<br>
<br>
<input type="submit" name="button" value="Submit" />
</form>
<br>
<p>- Sailesh NS (19BCE2066)</p>
</div>
</body>
</html>

```

### PHP Code:

```

<?php
if($_POST['button'] && isset($_FILES['attachment']))
{
    $from_email = 'saileshn.s2019@gmail.com';
    $recipient_email = 'saileshsathi@gmail.com';
    $sender_name = $_POST["name"];
    $reply_to_email = $_POST["email"];
    $subject = $_POST["subject"];
    $message = $_POST["content"];

    $tmp_name = $_FILES['my_file']['uploadedfile'];
    $name = $_FILES['my_file']['filename'];
    $size = $_FILES['my_file']['filesize'];
    $type = $_FILES['my_file']['filetype'];
    $error = $_FILES['my_file']['fileerror'];
}

```

```

if($file_error > 0)
{
die('Error in uploading file');
}

$handle = fopen($tmp_name, "r");
$content = fread($handle, $size);
fclose($handle);

$encoded_content = chunk_split(base64_encode($content));

$boundary = md5("random");

$headers = "MIME-Version: 1.0\r\n";
$headers .= "From: ".$from_email."\r\n";
$headers .= "Reply-To: ".$reply_to_email."\r\n";
$headers .= "Content-Type: multipart/mixed;\r\n";
$headers .= "boundary = $boundary\r\n";

$body = "--$boundary\r\n";
$body .= "Content-Type: text/plain; charset=ISO-8859-1\r\n";
$body .= "Content-Transfer-Encoding: base64\r\n\r\n";
$body .= chunk_split(base64_encode($message));

$body .= "--$boundary\r\n";
$body .= "Content-Type: $file_type; name=".$file_name."\r\n";
$body .= "Content-Disposition: attachment; filename=".$file_name."\r\n";
$body .= "Content-Transfer-Encoding: base64\r\n";
$body .= "X-Attachment-Id: ".rand(1000, 99999)."\r\n\r\n";
$body .= $encoded_content;

$sentMailResult = mail($recipient_email, $subject, $body, $headers);

if($sentMailResult )
{
echo "<h1>Mail Sent Successfully.</h1>";
unlink($name);
}
else
{
die("<h1>Mail Failed, Please Try Again.</h1>");
}
}
?>

```

## Code Screenshot:

```
C:\wamp64\www\IWP Theory DA 1\Question1.html - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
Question1.html question1.php
1 <html>
2 <head>
3 <style>
4 .box{
5 background: #E9FE8D;
6 width: 400px;
7 height:300px;
8 padding: 50px;
9 margin: auto;
10 margin-top: 200px;
11 box-shadow: 1px -1px 13px 0px rgb(0 0 0 / 50%);
12 border-radius:24px;
13 text-align: center;
14 }
15 table{
16 margin-left:43px;
17 }
18 </style>
19 <title>
20 19BCE2066 - Question 1
21 </title>
22 </head>
23 <body>
24 <div class="box">
25 <form enctype="multipart/form-data" method="POST" action="question1.php">
26 <h3>Send Email with subject & attachment</h3><br>
27 <table>
28 <tr>
29 <td>Name</td>
```

```
C:\wamp64\www\IWP Theory DA 1\question1.php - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
Question1.html question1.php
1 <?php
2 if($_POST['button'] && isset($_FILES['attachment']))
3 {
4 $from_email = 'saileshn.s2019@gmail.com';
5 $recipient_email = 'saileshsathi@gmail.com';
6 $sender_name = $_POST["name"];
7 $reply_to_email = $_POST["email"];
8 $subject = $_POST["subject"];
9 $message = $_POST["content"];
10
11
12 $tmp_name = $_FILES['my_file']['uploadedfile'];
13 $name = $_FILES['my_file']['filename'];
14 $size = $_FILES['my_file']['filesize'];
15 $type = $_FILES['my_file']['filetype'];
16 $error = $_FILES['my_file']['fileerror'];
17
18 if($file_error > 0)
19 {
20 die('Error in uploading file');
21 }
22
23 $handle = fopen($tmp_name, "r");
24 $content = fread($handle, $size);
25 fclose($handle);
26
27 $encoded_content = chunk_split(base64_encode($content));
28
29 $boundary = md5("random");
```

## Output Screenshot:

The screenshot shows a web browser window with the address bar displaying 'File | C:/wamp64/www/IWP%20Theory%20DA%201/Question1.html'. The browser's taskbar at the bottom shows various icons, including 'word-pdf', 'blood bank', and a '3000' status. The main content area features a light green rounded rectangle with the title 'Send Email with subject & attachment'. Inside this rectangle, there are five input fields: 'Name', 'Email Address', 'Subject', 'Content', and 'Attachment'. The 'Attachment' field includes a 'Choose File' button and the text 'No file chosen'. A 'Submit' button is located below the input fields. At the bottom of the green box, the text '- Sailesh NS (19BCE2066)' is displayed.

This screenshot shows the same web browser window as the first, but the email form is now filled out. The 'Name' field contains 'Sailesh N S', 'Email Address' contains 'saileshsathi@gmail.com', 'Subject' contains 'Hello IIII', and 'Content' contains 'Hi I'm Sailesh Hhow are you.'. The 'Attachment' field shows the 'Choose File' button next to the filename 'sailesh (19BCE2066).pdf'. The 'Submit' button remains at the bottom of the form. The signature '- Sailesh NS (19BCE2066)' is still present at the bottom of the green box.

### Send Email with subject & attachment

Name

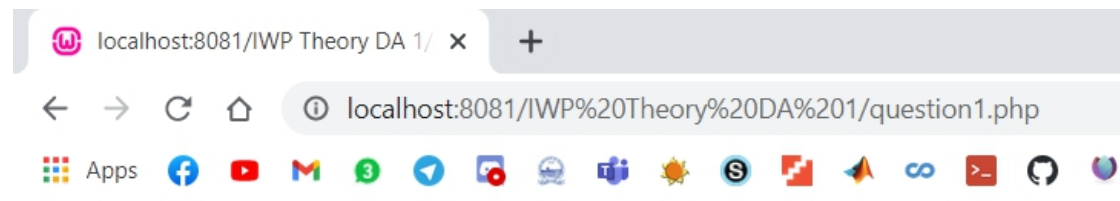
Email Address

Subject

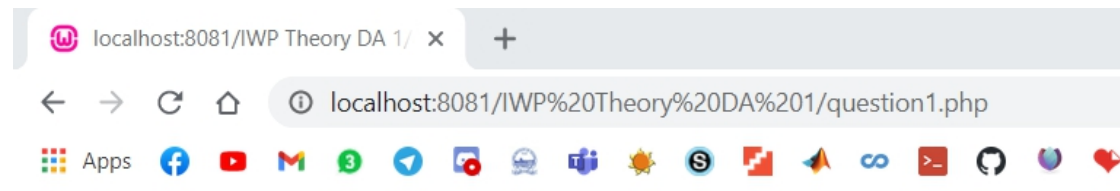
Content

Attachment  No file chosen

- Sailesh NS (19BCE2066)



**Mail Failed, Please Try Again.**



**Mail Sent Successfully.**

\*\*\*\*\*